

## Abstract of the Disclosure

A lithium secondary battery has an internal electrode body formed by winding a positive electrode and a negative electrode on an outer periphery wall of a hollow winding core and dipped into nonaqueous electrolyte solution, a  
5 cylindrical battery case containing this internal electrode body 1 inside with its both ends being open, and has electrode caps which have battery caps, internal terminals, and external terminals and seal the internal electrode body at  
10 the both open ends of the battery case. At least one of the electrode caps has a pressure release hole in a position corresponding with the center axis of the winding core.